

### **Abstract**

Described is a computer tomograph system comprising a rotating part (1) for accommodating at least one X-ray tube (4) and a detector arrangement (5), and also a stationary part (2) comprising 5 a bearing assembly (3) for rotatably supporting the rotating part, and a d.c.-a.c. converter (6) for generating an alternating current for feeding a conductor arrangement (7). Furthermore, the rotating part comprises at least one inductive coupler (8) for engaging, exclusively in dependence upon position, with a section of the entire length of the conductor arrangement (7), and for coupling electrical energy out of the conductor arrangement.